

| ADVISORY: 4058 |
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SOFTWARE SUPPORT

| DATE: 03/15/83 |
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| TITLE: Availability of a CICS Subroutine to Make the Current Date |
| Available to the Application Program |
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| Purpose |
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To announce routines that will make the current date available to an application program in two formats: Display (MM/DD/YY) and packed (OMMDDYYF).

| General Description |
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A CICS subroutine to make the current date available in the Gregorian format (MM/DD/YY) to an application program can be utilized by adding the following items to the program's code:

- An elementary data field in WORKING STORAGE with the data name of CUR-DATE and a picture clause of 8 alphanumeric bytes.
- A COPY statement in the PROCEDURE DIVISION referring to the member called CURDATE.

The CICS subroutine to make the current date available in the Gregorian packed format (OMMDDYYF) to an application program can be utilized by adding the following items to the program's code:

- An elementary data field in WORKING STORAGE with the data name of PCUR-DATE and a picture clause of 7 numeric bytes with usage of COMP-3.
- A COPY statement in the PROCEDURE DIVISION referring to the member called PCURDATE.

| Example |
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An example of coding within a COBOL application that uses the CURDATE subroutine is given below:

```
WORKING-STORAGE SECTION.  
77 CUR-DATE PIC X(8).  
77 HEADER-DATE PIC X(8).
```

```
PROCEDURE DIVISION.
```

```
COPY CURDATE.  
MOVE CUR-DATE TO HEADER-DATE.
```

An example of coding within a COBOL application that uses the PCURDATE subroutine is given below:

```
WORKING-STORAGE SECTION.  
77 PCUR-DATE PIC 9(7) COMP-3.  
01 HEADER-DATE PIC 9(8).  
01 FILLER REDEFINES HEADER-DATE.  
05 FILLER PIC XX.  
05 HEADER-MO PIC 99.  
05 HEADER-DA PIC 99.  
05 HEADER-YR PIC 99.
```

```
PROCEDURE DIVISION.  
COPY PCURDATE.  
MOVE PCUR-DATE TO HEADER-DATE.
```

Other Time-Date Related Matters

The current date in Julian format is available to application programs in the 'EIBDATE' field in the execute interface block. It is in the packed form of OOOYYDDDC (PIC S9(7) COMP-3).

The current time is available to application programs in the 'EIBTIME' field in the execute interface block. This field, which is in the packed form of OHMMSSSC (PIC S9(7) COMP-3), may be updated by using the 'ASKTIME' command.

This document is the current version of Advisory 2.10.7033 that had been issued by the Comptrollers Data Processing Division